

ENCODING AND ENCRYPTING DEVICES  
FOR SECURE SCALABLE DATA STREAMING

## ABSTRACT OF THE DISCLOSURE

- 5           A device and method thereof for encoding and encrypting data. The device includes a segmenter adapted to receive the data and segment at least a portion of the data into regions, a scalable encoder adapted to scalably encode at least one of the regions into scalably encoded data, and a progressive encrypter adapted to progressively encrypt at least a portion of the
- 10   scalably encoded data into progressively encrypted scalably encoded data. In one embodiment, progressively encrypted scalably encoded data are provided to a packetizer in real time. In another embodiment, the device includes a storage unit adapted to store progressively encrypted scalably encoded data. In this latter embodiment, data can then be extracted from
- 15   storage and provided to a packetizer.

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